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NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 4	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 5	MAY 11	KOREAPAT updates resume
NEWS 6	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 7	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 8	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 9	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS 10	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS 11	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12	JUl 11	CHEMSAFE reloaded and enhanced
NEWS 13	JUl 14	FSTA enhanced with Japanese patents
NEWS 14	JUl 19	Coverage of Research Disclosure reinstated in DWPI
NEWS 15	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS 16	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 17	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes

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NEWS LOGIN	Welcome Banner and News Items
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FILE 'HOME' ENTERED AT 14:11:04 ON 06 SEP 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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FILE 'REGISTRY' ENTERED AT 14:11:15 ON 06 SEP 2006
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DICTIONARY FILE UPDATES:    5 SEP 2006  HIGHEST RN 905905-44-4

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=>
Uploading C:\Program Files\Stnexp\Queries\10663683-precursor.str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 14:11:51 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       53 TO ITERATE

100.0% PROCESSED       53 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          624 TO     1496
PROJECTED ANSWERS:               1 TO       80

L2            1 SEA SSS SAM L1

=> d l2 scan

L2    1 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN    9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2,7-bis(2,2-
      diphenylethenyl)- (9CI)
MF    C65 H44 Cl2
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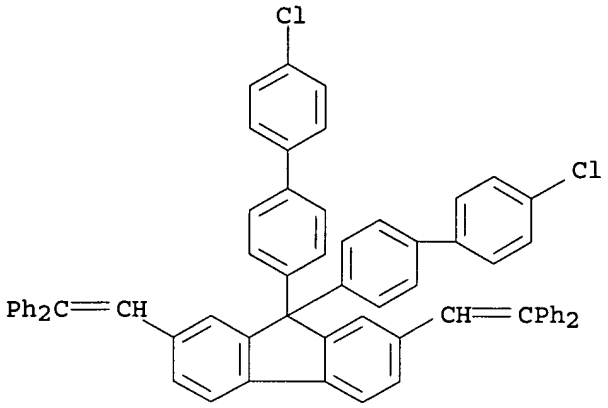


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

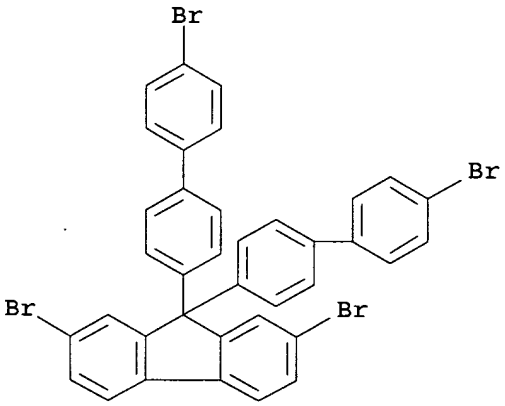
=> s l1 full
FULL SEARCH INITIATED 14:12:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 905 TO ITERATE

100.0% PROCESSED 905 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

L3 9 SEA SSS FUL L1

=> d l3 scan

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 2,7-dibromo-9,9-bis(4'-bromo[1,1'-biphenyl]-4-yl)- (9CI)
MF C37 H22 Br4

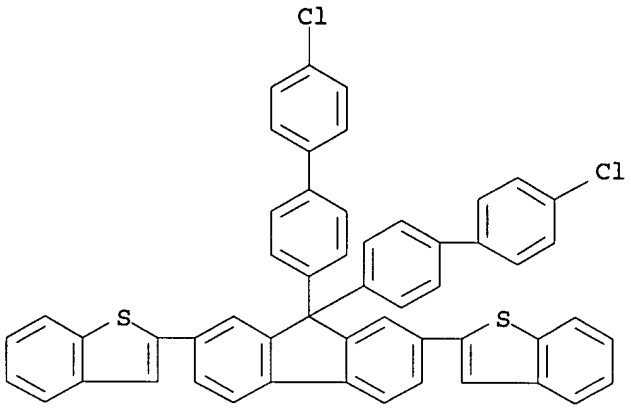


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):8

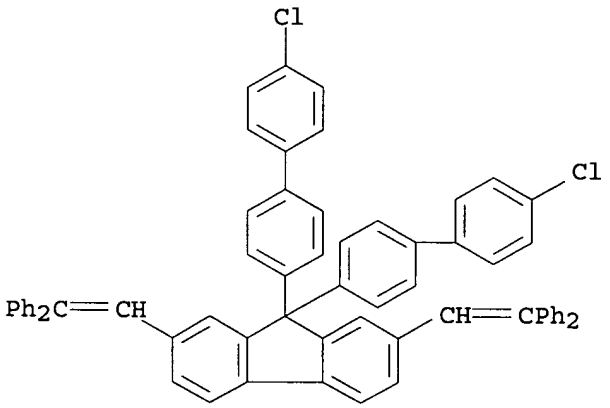
L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzo[b]thiophene, 2,2'-[9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)-9H-fluorene-2,7-diyl]bis- (9CI)

MF C53 H32 Cl2 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2,7-bis(2,2-diphenylethenyl)- (9CI)
MF C65 H44 Cl2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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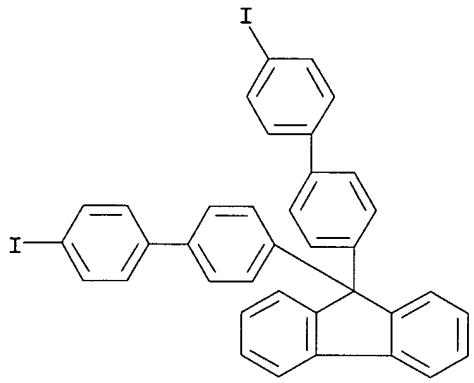
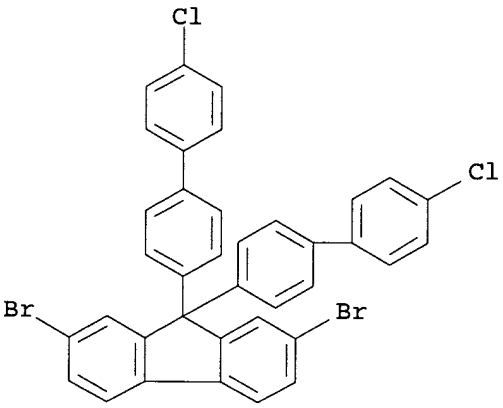
MF C37 H24 I2



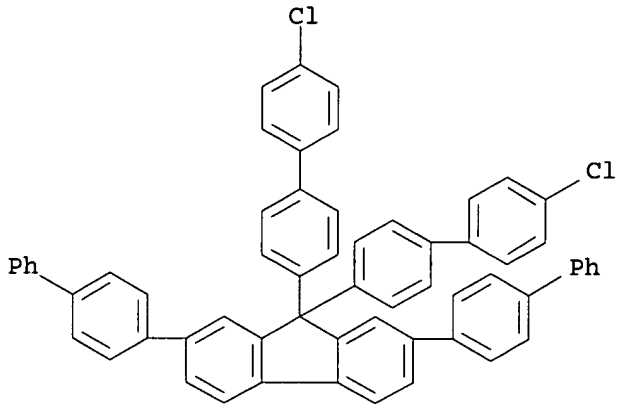
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 2,7-dibromo-9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI)
MF C37 H22 Br2 Cl2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 2,7-bis([1,1'-biphenyl]-4-yl)-9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI)
MF C61 H40 Cl2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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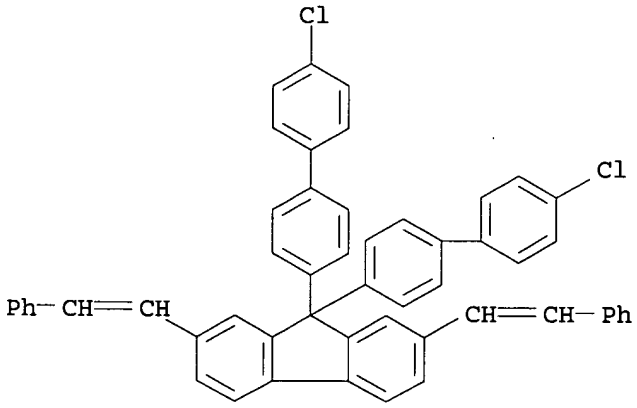
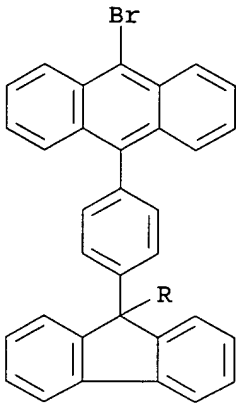
MF C53 H36 Cl2



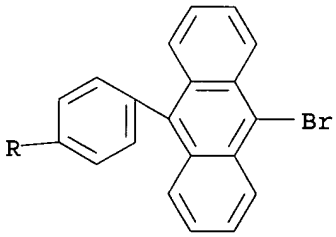
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Anthracene, 9,9'-(9H-fluoren-9-ylidenedi-4,1-phenylene)bis[10-bromo- (9CI)
MF C53 H32 Br2

PAGE 1-A



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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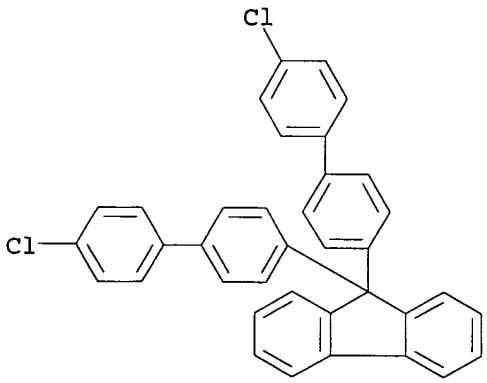
MF C37 H24 Cl2



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FULL ESTIMATED COST | 168.26 | 168.47

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FILE LAST UPDATED: 5 Sep 2006 (20060905/ED)

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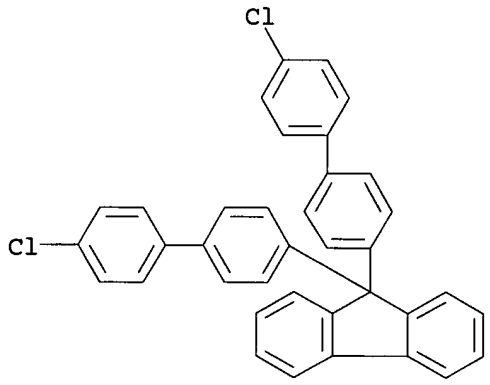
=> s l3
L4 5 L3

=> d l4 ibib hitstr abs 1-
YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:447233 CAPLUS
DOCUMENT NUMBER: 142:481842
TITLE: Preparation of inclusion compounds from arylamines and aromatic hydrocarbons and isolation of arylamines from them
INVENTOR(S): Tenma, Hiroaki; Nishiyama, Shoichi; Eguchi, Hisao
PATENT ASSIGNEE(S): Tosoh Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005132732	A2	20050526	JP 2003-367237	20031028
PRIORITY APPLN. INFO.:			JP 2003-367237	20031028

OTHER SOURCE(S): MARPAT 142:481842
IT 675201-81-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of inclusion compds. from arylamines and aromatic hydrocarbons and
isolation of arylamines from them)
RN 675201-81-7 CAPLUS
CN 9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



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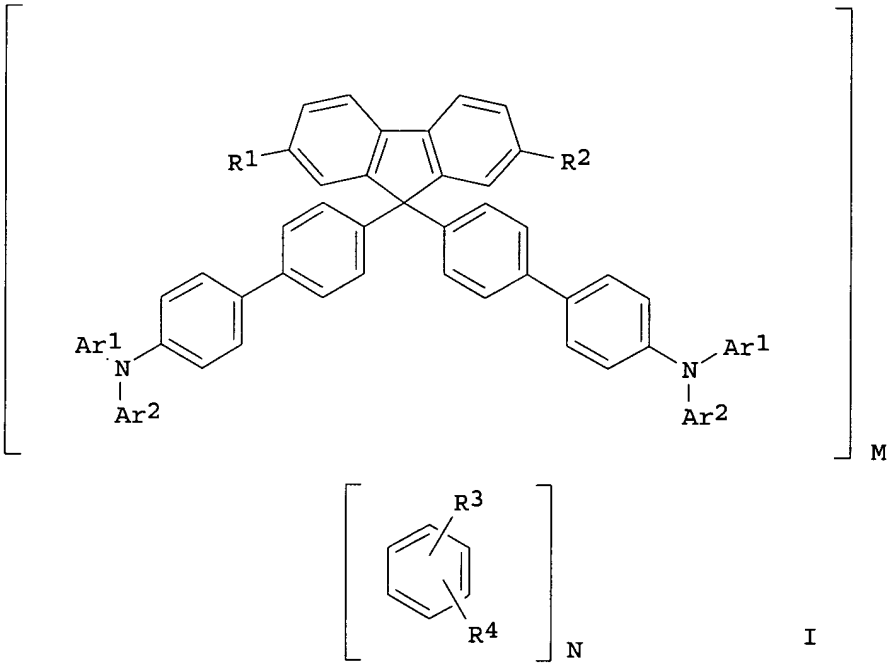


I

AB The inclusion compds. I [R1, R2 = H, (cyclo)alkyl, alkoxy, aryl, aryloxy, halo, amino; Ar1, Ar2 = Ph, biphenyl, p-tolyl; M/N = 0.3-2; R3, R4 = H, C1-5 alkyl]. Arylamines are separated from I by removing guest compds. by heating. A mixture of 1 g crude crystals of 9,9-bis[4-(diphenylamino)-1,1'-biphenyl]fluorene (II; 98.2% purity) and 5 g toluene was heated at 100° for 20 min, crystallized at room temperature overnight, and dried to give 0.88 g prismatic crystals of 1:1 inclusion compound, which were heated at 150-160° under 20-650 Pa for 1 h to give 84% glassy II with 99.7% purity.

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:344276 CAPLUS
DOCUMENT NUMBER: 142:400286
TITLE: Carbazole derivatives used as host material of phosphorescent substance in organic electroluminescent

devices

INVENTOR(S): Chiu, Yung; Chiao, Chuan; Wang, Chien-Hua; Wang, Li-Tuo; Tuan, Lien; Lei, Kang-Tieh

PATENT ASSIGNEE(S): Ching-Hua University, Peop. Rep. China; Beijing Wei-Xin-nuo Science and Technology Co., Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 37 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005104971	A2	20050421	JP 2004-258365	20040906
CN 1490312	A	20040421	CN 2003-156364	20030905
US 2005127826	A1	20050616	US 2004-933867	20040903

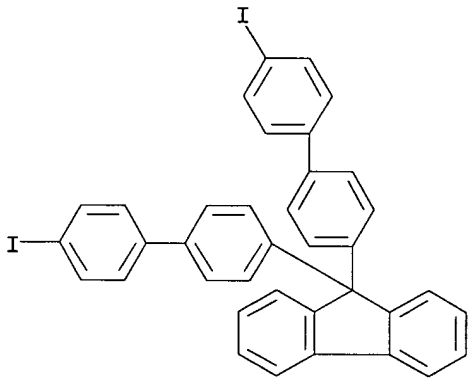
PRIORITY APPLN. INFO.: CN 2003-156364 A 20030905

OTHER SOURCE(S): MARPAT 142:400286

IT 849820-67-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(carbazole derivs. used as host material of phosphorescent substance in organic electroluminescent devices)

RN 849820-67-3 CAPLUS

CN 9H-Fluorene, 9,9-bis(4'-iodo[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



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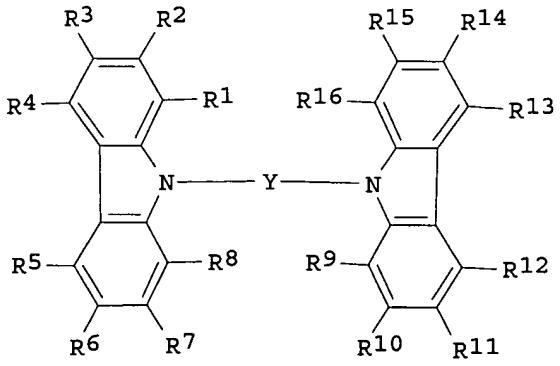


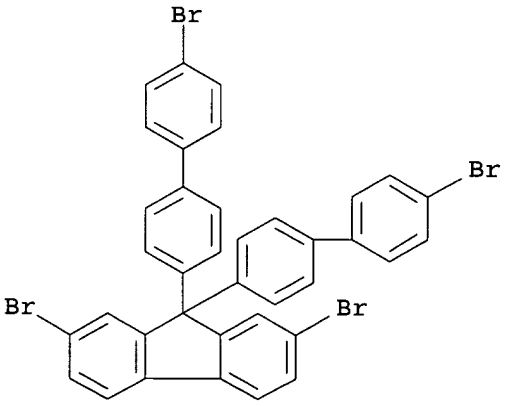
I

AB Disclosed is a carbazole derivative, suited for use as a host material of a phosphorescent substance in an organic electroluminescent device, characterized in that the glass transition temperature and the lowest excited triplet state energy are 70-220 °C and ≥2.62 eV, resp., and represented by I [Y = linking group containing alkylene, arylene, and spiro structure; and R1-16 = H, alkyl, alkoxy, etc.].

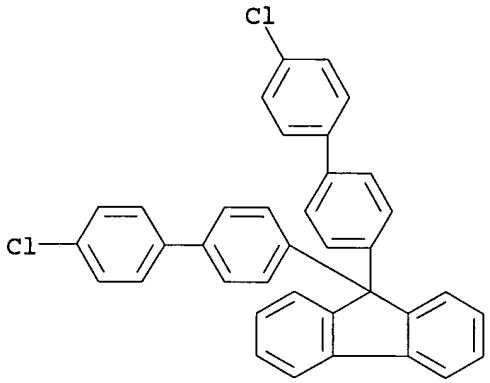
L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:116440 CAPLUS
DOCUMENT NUMBER: 142:207352
TITLE: Arylvinyl compounds bearing fluorene structures, their manufacture, and organic EL (electroluminescent) elements using them with excellent amorphous properties and blue emission efficiency
INVENTOR(S): Nishiyama, Shoichi; Matsumoto, Naoki; Tenma, Hiroaki; Eguchi, Hisao
PATENT ASSIGNEE(S): Tosoh Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005035919	A2	20050210	JP 2003-199204	20030718
PRIORITY APPLN. INFO.:			JP 2003-199204	20030718

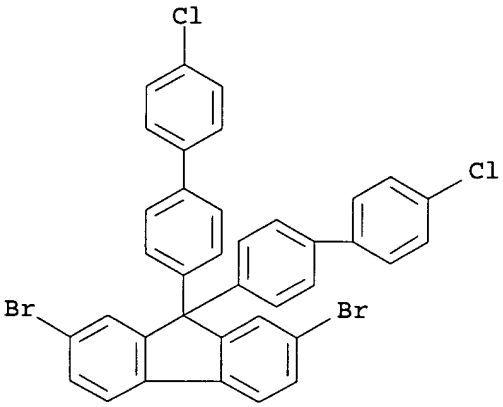
OTHER SOURCE(S): MARPAT 142:207352
IT 675201-84-0P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(for arylvinyl compound preparation; manufacture of fluorene-based arylvinyl compds. for organic EL elements with good amorphous properties and blue emission efficiency)
RN 675201-84-0 CAPLUS
CN 9H-Fluorene, 2,7-dibromo-9,9-bis(4'-bromo[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



IT 675201-81-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(for arylvinyl compound preparation; manufacture of fluorene-based arylvinyl compds. for organic EL elements with good amorphous properties and blue emission efficiency)
RN 675201-81-7 CAPLUS
CN 9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



IT 675201-83-9P
RL: IMF (Industrial manufacture); PREP (Preparation)
(precursor for arylvinyl compound; manufacture of fluorene-based arylvinyl compds. for organic EL elements with good amorphous properties and blue emission efficiency)
RN 675201-83-9 CAPLUS
CN 9H-Fluorene, 2,7-dibromo-9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



AB The compds., 2-R1-7-R2-9-Ar2ZC:CHAr1Q1-9-Ar2ZC:CHAr1Q2-fluorene [R1-4 = H, linear, branched, or cyclic alkyl, alkoxy, aryl, halo, etc.; Ar1 = (un)substituted arylene; Ar2 = (un)substituted aryl; Z = H, (un)substituted aryl], are manufactured by reacting 2-R1-7-R2-9-X1Ar1Q1-9-X2Ar1Q2-fluorene (R1-4, Ar1 = same as above; X1,2 = Cl, Br, I) and boronic acid compds. Ar2ZC:CHB(OR7)2 or Ar2ZC:CHB(O-tert-Bu)2 (Ar2, Z = same as above; R7 = H, C1-4 alkyl) in the presence of bases and Pd catalysts.

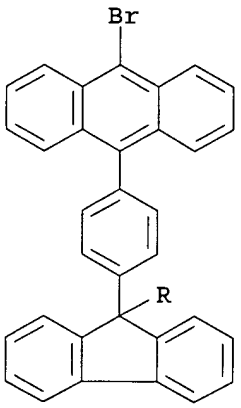
L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:651346 CAPLUS
DOCUMENT NUMBER: 141:181668
TITLE: Bisanthracenes, their luminescent film-forming materials, and organic electroluminescent devices
INVENTOR(S): Inoue, Tetsuya; Ikeda, Shuji; Hosokawa, Chishio
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

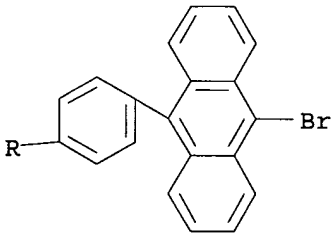
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004224766	A2	20040812	JP 2003-17185	20030127

PRIORITY APPLN. INFO.: JP 2003-17185 20030127
OTHER SOURCE(S): MARPAT 141:181668
IT 736138-36-6P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(manufacture of bisanthracenes showing high solubility in organic solvents for organic electroluminescent devices)
RN 736138-36-6 CAPLUS
CN Anthracene, 9,9'-(9H-fluoren-9-ylidenedi-4,1-phenylene)bis[10-bromo- (9CI) (CA INDEX NAME)

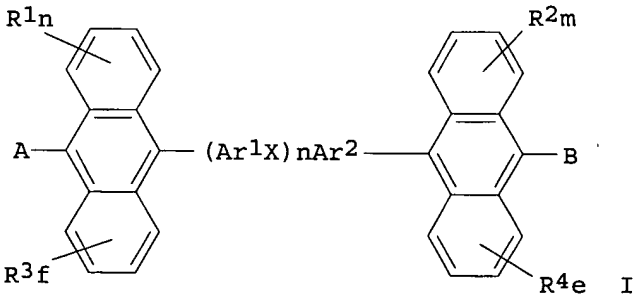
PAGE 1-A



PAGE 2-A



GI



AB The bisanthracenes are I [A, B = (vinyl-containing) C6-50 aryl; Ar1, Ar2 = C6-50 arylene; R1-R4 = C1-30 alkyl, C6-50 aryl; k = 1-20; m, n , e, f = 0-4; X, Ar1, Ar2, A, and B satisfy either of the following conditions; (1) X = CR5R6, SiR5R6; R5, R6 = (halo-containing) C1-30 alkyl, C6-50 aryl; R5R6 may form ring (2) X = single bond, quaternary carbon; Ar1Ar2 form 1 or ≥4 rings; A and/or B = Ar3Ar4C:CRC6H4; Ar3, Ar4 = C6-50 aryl; R = H, C6-50 aryl (3) X = single bond, quaternary carbon; Ar1Ar2 form 2 or 3 rings; A and/or B = Ar3aAr4aC:CRaC6H4; Ar3a, Ar4a = C6-20 aryl; Ra = H, C6-20 aryl]. The bisanthracenes show high solubility in organic solvents, resulting in manufacture of luminescent films by wet process, e.g., coating, printing. Organic electroluminescent devices using the bisanthracenes show high luminescence intensity and improved service life.

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:247028 CAPLUS
DOCUMENT NUMBER: 140:294490
TITLE: Blue fluorescent 9,9-bis[(4-amino)-1,1'-biphenyl]fluorene derivatives for use in organic electroluminescent devices
INVENTOR(S): Nishiyama, Masakazu; Tenma, Hiroaki; Eguchi, Hisao
PATENT ASSIGNEE(S): Tosoh Corporation, Japan
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PATENT INFORMATION:

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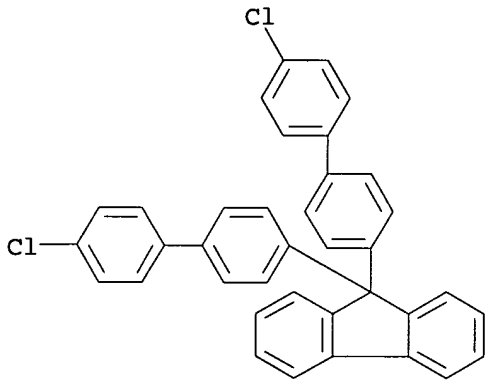
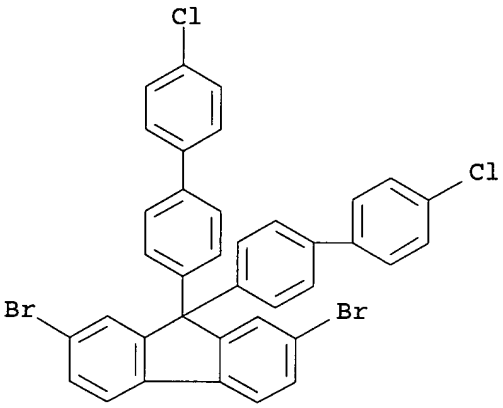
EP 1400578	A1	20040324	EP 2003-21402	20030922
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2004315495	A2	20041111	JP 2003-199203	20030718
KR 2004025826	A	20040326	KR 2003-64372	20030917
US 2004110958	A1	20040610	US 2003-663683	20030917
PRIORITY APPLN. INFO.:			JP 2002-274983 A	20020920
			JP 2003-4818 A	20030110
			JP 2003-54070 A	20030228
			JP 2003-199203 A	20030718

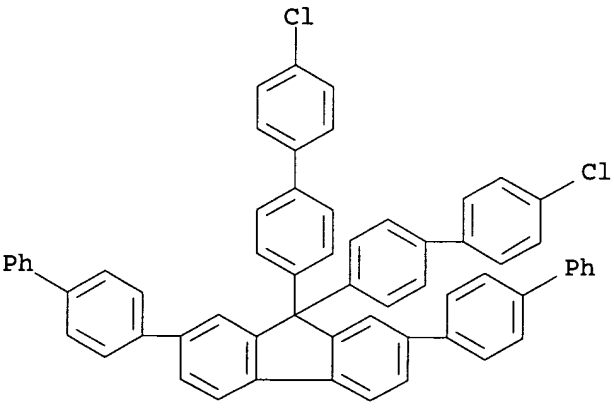
OTHER SOURCE(S): MARPAT 140:294490
IT 675201-81-7P 675201-83-9P 675201-85-1P
675201-86-2P 675201-88-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of blue fluorescent 9,9-bis[(4-amino)-1,1'-biphenyl]fluorene derivs. for use in organic electroluminescent devices)
RN 675201-81-7 CAPLUS
CN 9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



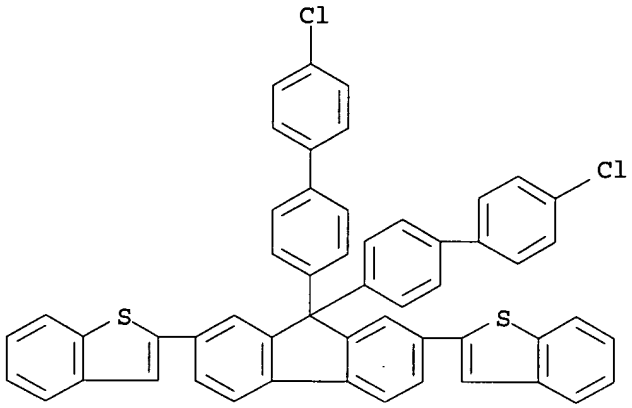
RN 675201-83-9 CAPLUS
CN 9H-Fluorene, 2,7-dibromo-9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



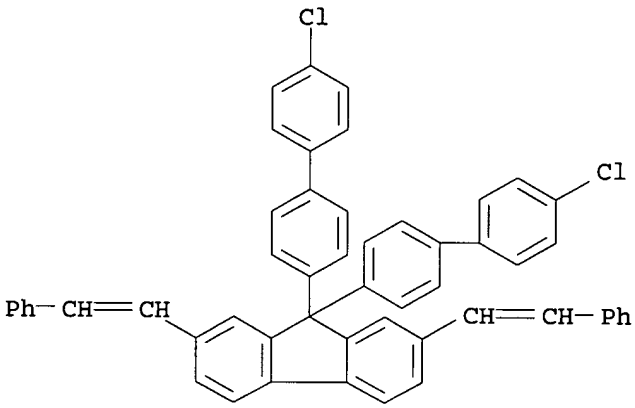
RN 675201-85-1 CAPLUS
CN 9H-Fluorene, 2,7-bis([1,1'-biphenyl]-4-yl)-9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



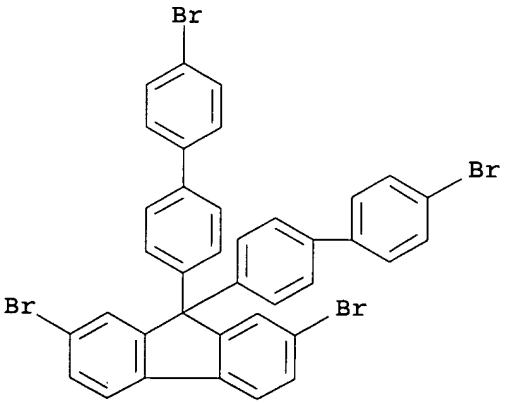
RN 675201-86-2 CAPLUS
CN Benzo[b]thiophene, 2,2'-[9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)-9H-fluorene-2,7-diyl]bis- (9CI) (CA INDEX NAME)



RN 675201-88-4 CAPLUS
CN 9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2,7-bis(2-phenylethenyl)- (9CI) (CA INDEX NAME)

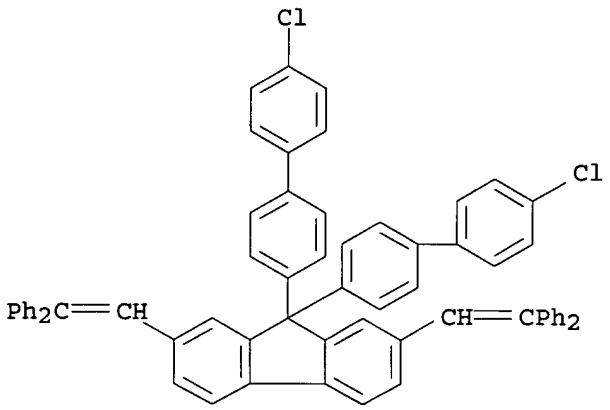


IT 675201-84-0P 675201-89-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of blue fluorescent 9,9-bis[(4-amino)-1,1'-biphenyl]fluorene derivs. for use in organic electroluminescent devices)
RN 675201-84-0 CAPLUS
CN 9H-Fluorene, 2,7-dibromo-9,9-bis(4'-bromo[1,1'-biphenyl]-4-yl)- (9CI) (CA INDEX NAME)



RN 675201-89-5 CAPLUS
CN 9H-Fluorene, 9,9-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2,7-bis(2,2-

diphenylethenyl)- (9CI) (CA INDEX NAME)



GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Synthesis of arylamine derivs. that can be utilized as luminescent, hole-transporting or hole-injecting materials for organic electroluminescent devices are described, where the arylamine derivs. are represented by the general formula (I), where R1-4 each independently represents a hydrogen atom, an alkyl group, an alkoxy group, an aryl group, an aryloxy group, a halogen atom, an amino group, etc.; Ar1 and Ar2 each independently represents a substituted or unsubstituted aryl group or hetero-aromatic group, and Ar1 and Ar2 may form a N-containing heterocyclic ring together with the N atom to which Ar1 and Ar2 bond; and Ar3 represents a substituted or unsubstituted arylene group. Di(haloaryl)fluorene derivs. represented by the general formula (II), where R1-4 and Ar3 each represents the same substituent as defined previously; and X1 and X2 each represents a Cl atom, a Br atom, or an I atom are also discussed. The synthesis and properties of blue fluorescent 9,9-bis[(4-amino)-1,1'-biphenyl]fluorene derivs. were discussed.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT